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1632 Diurnal Distribution of Motor Activity and Feeding during Growth of Tumors.
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1755 Correspondence.
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2021 **Symposium: Third Conference on Embryonic and Fetal Antigens in Cancer.**

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2026 List of Participants.

2031 Program Committee.

2032 Introduction.
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2034 Molecular Aspects of Gene Regulation in Animal Cells.
Eric H. Davidson and Roy J. Britten.

2044 Phasing of Gene Products during Development.
Cole Manes.

2053 Introduction to Session on Cross-reactive Antigens.
Sir Peter Medawar.

2055 Implications of the Fetal Antigen Theory for Fetal Transplantation.
J. E. Castro, R. Hunt, E. M. Lance, and P. B. Medawar.

2061 Maternal-Fetal Histoincompatibility in Rats: An Escape from Adversity.
Joy Palm.

2066 Searching for Human Tumor Antigens.
N. G. Anderson, D. W. Holladay, J. E. Caton, E. L. Candler, P. J. Dierlam, J. W. Eveleigh, F. L. Ball, J. W. Holleman, J. P. Breillatt, and J. H. Coggin, Jr.

2077 Escape from Immune Destruction by the Host through Shedding of Surface Antigens: Is This a Characteristic Shared by Malignant and Embryonic Cells?
Peter Alexander.

2083 Phase-specific Oncocolon Antigens: A Theoretical Framework for "Carcinoembryonic Antigen" Specificities.
Allyn H. Rule and Carol Goleski-Reilly.

2088 Ectopic Synthesis and Paraneoplastic Syndromes.
Thomas C. Hall.

2092 Proposed Mechanisms by Which Autochthonous Neoplasms Escape Immune Rejection.
Joseph H. Coggin, Jr., Kathleen R. Ambrose, Peggy J. Dierlam, and Norman G. Anderson.

2102 The Graded Enzymic Immaturity of Transplanted Neoplasms.
W. Eugene Knox.

2109 Tumor Angiogenesis Factor.
Judah Folkman.

2114 Intermolecular Heterogeneity of the Carcinoembryonic Antigen.
Chaim Banjo, Joseph Shuster, and Phil Gold.

2122 Heterogeneity of Carcinoembryonic Antigen.
J. W. Eveleigh.

2125 Interrelationship of Carcinoembryonic Antigen and Colon Carcinoma Antigen-III.
Edward S. Newman, Susan E. Petras, Alex Georgiadis, and Hans J. Hansen.

2131 The Interdependence of Clinical Investigations and Methodological Development in the Early Evolution of Assays for Carcinoembryonic Antigen.
Norman Zamcheck and Herbert Z. Kupchik.

2137 Esterase Activity of Carcinoembryonic Antigen.
Devidayal Munjal and Norman Zamcheck.

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2143 Protein and Ribonucleic Acid Metabolism in Single-Cell Suspensions from Morris Hepatoma 5123tc and from Normal Rat Liver.
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2151 Effect of Vitamin A Alcohol on the Surface Coat and Charges of L1210 Leukemic Cells.
D. Brandes, T. Sato, H. Ueda, and J. O. Rundell.

2159 Affinity Cytotoxicity of Tumor Cells with Antibody-Glucose Oxidase Conjugates, Peroxidase, and Arsphenamine.
Gordon W. Philpott, Richard J. Bower, Keith L. Parker, William T. Shearer, and Charles W. Parker.

2165 Study of the Cellular Immune Response to Gross Virus-induced Lymphoma by the Mixed Lymphocyte-Tumor Interaction.
M. Glaser, R. B. Herberman, H. Kirchner, and J. Y. Djeu.

2172 Changes in Secretory Cells during Early Stages of Experimental Carcinogenesis in the Rat Submandibular Gland.
Sun-Kee Kim, Herbert H. Spencer, Lee Weatherbee, and Carlos E. Nasjleti.

2184 Mammary Carcinogenesis in Foster-nursed X/Gf Mice.
Anna Goldfeder and Ajit K. Ghosh.

2192 Enhancement of 7,12-Dimethylbenzanthracene Skin Carcinogenesis by Adenosine 3′,5′-Cyclic Monophosphate.
Gary L. Curtis, Frej Stenback, and Wayne L. Ryan.

2196 The Preparation of Microsomal Fractions of Rodent Respiratory Tract and Their Characterization.
T. Matsubara, R. A. Prough, M. D. Burke, and R. W. Estabrook.

2204 Incorporation of Arginine by Soluble Extracts of Ascites Tumor Cells and Regenerating Rat Liver.
Yoriko Tanaka and Hideko Kaji.

2209 A Comparative Study of Rat Liver, Muscle, and Hepatoma 3924A Phosphofructokinase Isozymes.
George A. Dunaway, Jr., Harold P. Morris, and George Weber.

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2240 * Phase II Study of Concurrent Methotrexate and Bleomycin Chemotherapy.
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2243 Cytofluorescence Localization of Adriamycin and Daunorubicin.
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2246 The Effect of 6-Mercaptopurine and Allopurinol on Granulopoiesis.
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2250 * Two Patterns of Neutral Steroid Conversion in the Feces of Normal North Americans.
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2255 Endogenous Type C Particles from Rat Embryo Cells Treated with 5-Bromodeoxyuridine.
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2260 5-Azacytidine-modified Patterns of Uridine Kinase Activities in Normal and Neoplastic Tissues.
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2266 Relationships between the Carcinogenic and Mutagenic or DNA-modifying Effects of Nitrofuran Derivatives, Including 2-(2-Furyl)-3-(5-nitro-2-furyl)acrylamide, a Food Additive.
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2274 Syntheses, Toxicities, and Carcinogenicities of Carcinogenic Bifunctional Aminoazo Dyes.
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2283 Isozyme Patterns of Pyruvate Kinase in Various Primary Liver Tumors Induced during the Process of Hepatocarcinogenesis.
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2290 Dependence of Specific Metabolism of Benzo(*a*)pyrene on the Inducer of Hydroxylase Activity.
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2296 Metabolism of Rat α_1-Fetoprotein.
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2300 A Comparison of Enzyme-active Membrane Antigens from Two Different 4-Dimethylaminoazobenzene-induced Rat Hepatomas with Those of Adult and Fetal Rat Liver.
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2307 * Lack of Increased Differentiation of Leukemic Cells in Response to Colony-stimulating Factor.
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2311 Errors in DNA Replication as a Basis of Malignant Changes.
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2322 * Evidence in Favor of the Existence of Human Breast Cancer Virus.
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2330 Substrate Requirements and Kinetic Analysis of the Cortisol Effects on Uridine Uptake and Incorporation by Mouse Lymphoma P1798 Cells *in Vitro*.
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2338 Further Studies on Mouse Fetal Antigen Cross-reactive with Rauscher Leukemia.
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2344 Vascular Changes in Neuroblastoma of Mice following X-irradiation.
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2351 A Study of Respiration and Oxidative Phosphorylation of Mitochondria from Regenerating Liver of Normal and Diabetic Rats.
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2358 * A Cytological Scale for Cervical Carcinogenesis.
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2362 Rabbit Antibodies to Nucleoli of Novikoff Hepatoma and Normal Liver of the Rat.
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2382 Polyamine Depletion of Tumor Tissue and Subsequent Elevation of Spermidine in the Sera of Rats with 3924A Hepatomas after 5-Fluorouracil Administration.
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2386 Perioxidatic Reaction of Catalase-Antibody Complex of Leukocytes Demonstrated by Diaminobenzidine.
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2399 Stromal Nephromas and Renal Cell Tumors in Suckling and Weaned Rats.
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2405 * Cell Kinetics and Growth of Squamous Cell Carcinomas in Man.
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2416 Brief Communication:
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2419 Letter to the Editor:
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2436 Fibroma Regression in Relation to Antibody and Challenge Immunity to Bovine Papilloma Virus.

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2440 The Effects of Interstitial Cell-stimulating Hormone, Prolactin, and Bovine Growth Hormone on the Transplantable Leydig Cell Tumor in the Mouse.
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2451 2-Acetylaminofluorene and *N*-Hydroxy-2-acetylaminofluorene Inhibition of Incorporation of Orotic Acid-5-^{3}H into Nuclear Ribosomal and Heterogeneous RNA in Normal and Regenerating Liver.
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2459 * An Isoenzyme of 5′-Nucleotide Phosphodiesterase and α-Fetoprotein in Human Hepatic Cancer Patient Sera.
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2464 Fate of the Ring Moiety of 5-(3,3-Dimethyl-1-triazeno)imidazole-4-carboxamide in Mammalian Cells.
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2470 Complete Regressions of an Established Murine Fibrosarcoma Induced by Systemic Application of *Corynebacterium granulosum*.
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2476 Properties of the Principal Liver Target Protein of a Hepatic Carcinogen.
Brahma P. Sani, David M. Mott, V. Jasty, and Sam Sorof.

2482 Kinetic Studies on Phosphorylation of 5-Azacytidine with the Purified Uridine-Cytidine Kinase from Calf Thymus.
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2489 Early Elevation of α_1-Fetoprotein in *N*-2-Fluorenylacetamide Hepatocarcinogenesis.
Frederick F. Becker and Stewart Sell.

2495 * The Mechanism of ^{67}Ga Association with Lymphocytes.
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2500 Purification of a Ribonuclease Inhibitor from Novikoff Hepatoma Supernatant Fraction.
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2504 Failure of Bleomycin to Affect Humoral or Cell-mediated Immunity in the Mouse.
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2508 Biliary Excretion *in Vivo* of Bile Acids Synthesized by Hepatomas.
Lee A. Bricker, John V. Marracini, Steven Rosenblatt, Patricia L. Kozlovskis, and Harold P. Morris.

2511 * Drug-induced Stimulation of Nitrogen Mustard and Choline Transport and Other Systems in L5178Y Lymphoblasts *in Vitro*.
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2517 Acceleration of Granulopoietic Recovery by Androgenic Steroids in Mice Made Neutropenic by Cytotoxic Drugs.
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2521 Studies on the Biological and Antigenic Properties of ESP-1 Type C Virus Particles.
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2530 Development of Broad Spectrum of Tumors by Ethylnitrosourea in Mice and the Modifying Role of Age, Sex, and Strain.
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2539 *In Vitro* Evaluation of 1-β-D-Arabinofuranosylcytosine-β-2′-Deoxythioguanosine Combination Chemotherapy.
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2544 * Regan Isoenzyme in Normal Human Sera.
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2546 Radioimmunoassays for Adriamycin and Daunomycin.
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2553 Murine Leukemia Virus Group-specific Antigen Expression in AKR Mice.
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2562 DNA Synthesis and Transformation Induced in Density-inhibited Cultures of Hamster Embryo Cells by the Carcinogen Benzo(*a*)pyrene.
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2571 Rate of Nucleic Acid Synthesis in Mammary Hyperplastic Alveolar Nodule Outgrowths and Transplanted Adenocarcinomas in Pregnant and Lactating Mice.
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2576 The Mutagenicity and DNA-modifying Effect of Haloalkanes.
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2580 DNA Synthesis in Fast- and Slow-growing C57BL Ascites Tumors.
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2585 Comparative Biochemical Properties of RNA-directed DNA Polymerases from Rauscher Murine Leukemia Virus and Avian Myeloblastosis Virus.
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2594 Mammary Neoplasia in Sprague-Dawley or Long-Evans Rats after *in Vitro* 7,12-Dimethylbenz(α)anthracene.
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2596 Alopecia Activity of Cyclophosphamide Metabolites and Related Compounds in Sheep.
Vernon J. Feil and CaroleJean H. Lamoureux.

2599 Enhancement of Simian Virus 40-induced Transformation of Chinese Hamster Embryo Cells by 4-Nitroquinoline 1-Oxide.
Leila Diamond, Robert Knorr, and Yoshinobu Shimizu.

2605 Cholesterol Metabolism in the Ehrlich Ascites Tumor.
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2612 Embryonal Carcinomas in Syrian Hamsters after Intratesticular Inoculation of Zinc Chloride during Seasonal Testicular Growth.
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2615 Induction of Endoreduplication in Cultured Mammalian Cells by Some Chemical Mutagens.
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February: Herbert M. Evans and Choh Hao Li.

March: A. M. Pamukcu, James M. Price, a map of the distribution of bovine enzootic hematuria in Turkey, bracken fern, and a typical wooded mountainous area of endemic disease occurrence in cattle.

April: James W. Beard, W. Ray Bryan, and an electron micrograph of the BAI strain of avian myeloblastosis virus.

May: A world map featuring past International Cancer Congress sites and the head of Michelangelo's *David*, the emblem of the XIth International Cancer Congress.

June: Kenneth DeOme and colleagues, Phyllis Blair, Satyabrata Nandi, and Howard Bern, and the Cancer Research Laboratory, University of California, Berkeley.

July: Lauren V. Ackerman, Juan A. del Regato, and the various editions of their textbook, *Cancer*. Diagnosis, Treatment, and Prognosis.

August: Lee Alexandrovich Zilber, G. I. Abelev, and a schematic representation of α-fetoprotein synthesis in normal development and pathological states.

September: Commemoration of the 70th anniversary of *Zeitschrift für Krebsforschung*, the frontispiece of its first issue, and E. v. Leyden and P. Ehrlich.

October: Mitsuo Segi and coworkers and 8 volumes of cancer mortality statistics in 24 countries from 1950 to 1965.

November: Jackson Laboratory complex and 4 white female albino mice.

December: M. Vera Peters, Henry S. Kaplan, and a Hodgkin's disease histology section.